STAIRVILLE

SF-80

fog machine

th•mann
MUSIC IS OUR PASSION

user manual

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1 General notes

This user manual contains important information on safe operation of the device. Read and follow all safety notes and all instructions. Save this manual for future reference. Make sure that it is available to all persons using this device. If you sell the device to other users, be sure that they also receive this manual.

Our products are subject to a process of continuous development. We therefore reserve the right to make changes without notice.

Symbols and signal words

This section provides an overview of the symbols and signal words used in this user manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
CAUTION!	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – high-voltage.
	Warning – flammable substances.
	Warning – hot surface.
	Warning – suspended load.
	Warning – harmful or irritating substances.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used to produce artificial fog by vaporising fog fluid. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety

DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.

DANGER!

Electric shock caused by high voltages inside

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

DANGER!

Electric shock caused by short-circuit

Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.

WARNING!

Risk of burns from flammable liquids

The use of flammable liquids in this device may cause severe burns and damage to property.

Always use approved fog fluids. Never fill flammable liquids into the tank of the device.

WARNING!

Risk of burns

The generated fog at the fog nozzle is hot and can cause burns. Occasionally hot fluid drops may escape from the nozzle.

The distance of persons and objects to the fog nozzle must be at least fifty centimetre (1.6 feet).

Do not touch the fog nozzle during and shortly after operation. It becomes very hot and may cause burns even several hours after switching off the device.

WARNING!

Risk of slipping caused by condensation

Fog machines can produce condensation. Do not direct the fog to floors. Floors and surfaces can become slippery by condensed fog.

Check at regular intervals whether it is possible to walk on the floors without a slipping hazard, and, if necessary, remove the condensation.

WARNING!

Health hazard caused by fog fluid handling

Fog fluid does contain glycols complying with the regulations for foodstuffs. However, it may be harmful if swallowed.

Do not induce vomiting. Seek medical advice immediately. Keep fog fluid in a safe place. If the fog fluid comes into contact with eyes rinse thoroughly with water.

CAUTION!

Possible respiratory problems

The device can be operated safely only with the approved fog fluid. The use of other fluids can release toxic gases. Claims for damages caused by the use of non-approved fluids shall be excluded.

Do not create fog in closed or poorly ventilated areas.

Do not expose persons with health problems (such as allergic respiratory conditions, asthma) to artificial fog.

NOTICE!

Risk of fire

Do not cover the device nor any ventilation slots. Do not place the device near any direct heat source. Keep the device away from naked flames.

NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

NOTICE!

Power supply

Before connecting the device, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly injure the user.

Unplug the device before electrical storms occur and when it is unused for long periods of time to reduce the risk of electric shock or fire.

3 Features

This fog machine is suitable for use in clubs, bars, discotheques and on stages.

Special features of the device:

- Remote control included
- Suitable for mobile use
- Large fog fluid container

4 Installation

Unpack and carefully check that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the device against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

WARNING!

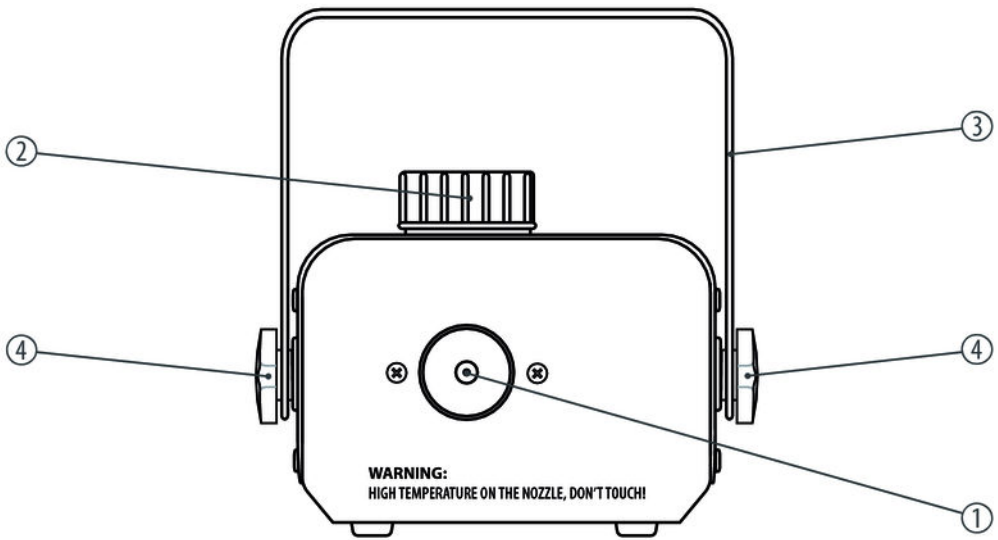
Risk of injury caused by falling objects

Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.

You can install the device on the wall, the ceiling or on the floor. The device must not be positioned with more than 15° inclination during operation. The unit requires 20 cm clearance on the sides and above.

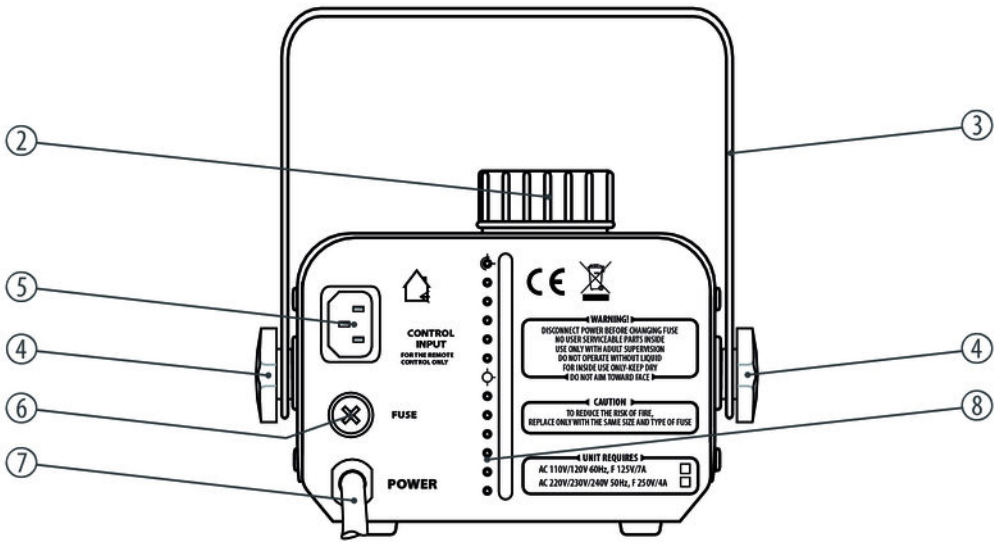
5 Connections and operating elements

Front panel



1	Fog nozzle.
2	Fluid container with screw-cap.
3	Carrying handle and bracket for hanging.
4	Tommy screws to adjust the bracket.

Rear panel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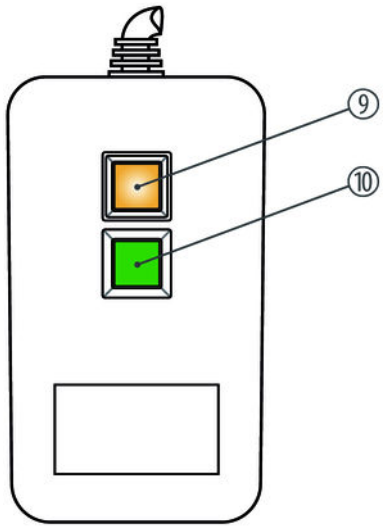
CONTROL INPUT
FOR THE REMOTE CONTROL ONLY
FUSE
POWER
WARNING!
DISCONNECT POWER BEFORE CHANGING FUSE
NO USER SERVICEABLE PARTS INSIDE
USE ONLY WITH ADULT SUPERVISION
DO NOT OPERATE WITHOUT LIQUID
FOR INSIDE USE ONLY-KEEP DRY
DO NOT AIM TOWARD FACE
CAUTION
TO REDUCE THE RISK OF FIRE,
REPLACE ONLY WITH THE SAME SIZE AND TYPE OF FUSE
UNIT REQUIRES
AC 110V/120V 60Hz, F 125V/7A
AC 220V/230V/240V 50Hz, F 250V/4A

2	Fluid container with screw-cap.
3	Carrying handle and bracket for hanging.
4	Tommy screws to adjust the bracket.
5	Remote control cable.
6	Fuse holder.
7	Mains cable for power supply.
8	Liquid level indicator.

Remote control



9	The status LED indicates that the unit has reached the required operating temperature for fog generation.
10	Press this button to trigger fog bursts.

6 Operating

Filling the unit

NOTICE!

Possible damages caused by unsuitable fog fluid

Fog liquids not approved by the manufacturer may permanently damage the unit.

Only use the fog fluids listed on *www.thomann.de* and follow their instructions for use.

First, make sure the unit is disconnected from the power supply.

Open the screw-cap of the container and fill in the fog fluid. Make sure that no fluid is spilled or gets into the device. The easiest way is using a funnel. The container capacity is 1.0 litre.

Screw the cap firmly back in.

Turning the unit on

NOTICE!

Fire hazard

Do not operate the machine unattended.

Make sure that the remote control is connected.

Connect the device to the power grid, the unit is heating up.

As soon as the required operating temperature is reached, the status LED on the remote control lights up. The unit is now operational.

Operation

Press the green remote control button to trigger fog bursts.

When operating, always ensure that there is sufficient fluid in the fog liquid container, to avoid no-load running.

Turning the unit off

Disconnect the device from the power supply. Transport the device only when it is completely cooled down. To avoid leaking fog fluid during transport, you should transport the device only with empty fluid container.

7 Technical specifications

Heater power	700 W
Fog output	approx. 70 m^3/min
Fluid container capacity	1.0 l
Warm-up time	approx. 5 min
Operating supply voltage	AC 230 V ~ , 50 Hz
Fuse	5 mm x 20 mm, 4 A, 250 V, fast blow
Dimensions (W × D × H)	160 mm × 330 mm × 130 mm
Weight	4 kg

8 Troubleshooting

In the following we list a few common problems that may occur during operation. We give you some suggestions for easy troubleshooting:

Symptom	Remedy
The unit does not work	Check the mains connection and the main fuse.
The unit does not eject any fog	1. Check the fluid level in the fog container.
	2. Check the connection to the remote control.

If the procedures recommended above do not succeed, please contact our Service Center. You can find the contact information at *www.thomann.de*.

9 Cleaning

NOTICE!

Possible damages caused by unsuitable cleaning agents

Cleaners not approved by the manufacturer may permanently damage the unit.

Only use the fog machine cleaners listed on *www.thomann.de* and follow their instructions for use.

Clean the appliance after every 30 operating hours, or if it was not in use for a longer period of time.

Procedure

1. Make sure that the device is disconnected from the mains and completely cooled down.
2. Place the unit in a well-ventilated place.
3. If there is still fog fluid present in the device, pour it out and fill approximately 125 ml of the cleaning fluid into the fog fluid container.
4. Connect the device to the mains.
5. Wait until the required operating temperature is reached.

6. Keep the remote control button pressed and release fog for about 20 seconds.
7. Disconnect the device from the mains and wait until it is completely cooled down.
8. If there is still cleaning fluid present in the container, pour it back into the cleaning fluid bottle, before refilling fog fluid.
9. Connect the device to the mains.
10. Wait until the required operating temperature is reached.
11. Keep the remote control button pressed and release fog for another 20 seconds. This rinses the pipes.

    ⇨ The cleaning is complete.

10 Protecting the environment

Disposal of the packaging material

For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.